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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

				<i>Complete If Known</i>
Sheet	1	of	1	Attorney Docket Number
				5259-000054/US/NP

### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
DS	AA*	US-6,643,463	11-04-2003	Suzuki, et al.	
DS	AB*	US-6,718,140	04-06-2004	Kamei, et al.	
DS	AC*	US-6,782,210	08-24-2004	Okada, et al.	

### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>3</sup>
		Country Code <sup>4</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
DS	BA	JP-2000-201112	07-18-2000	Senta, et al.		✓
DS	BB	JP-2001-346235	12-14-2001	Kazutoshi, et al.		✓
DS	BC	JP-2001-053760	02-23-2001	Arata, et al.		✓
DS	BD	JP-2001-333021	11-30-2001	Akira, et al.		✓
DS	BE	JP-2001-197006	07-19-2001	Toshikazu		✓
DS	BF	JP-2001-103523	04-13-2001	Toshiya, et al.		✓

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \*CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 801.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

### NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
DS		Chang-Joon Chae, "A Flexible and Protected Virtual Optical Ring Network", IEEE Photonics Technology Letters, Vol. 14, No. 11, November 2002, 3 pages	
DS		Chang-Joon Chae, et al., "A Protected Optical Star-Shaped Ring Network Using an NxN Arrayed Waveguide Grating and Incoherent Light Sources", IEEE Photonics Technology Letters, Vol. 13, No. 8, August 2001, 3 pages	
DS		Chang-Joon Chae, et al., "Virtual Optical Self-Healing Ring Network Over Star-Configured Optical Cable Plant Using NxN Arrayed Waveguide Grating", Electronics Letters, Vol. 37, No. 20, September 27, 2001, pp. 1241-1243	

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